

**IN THE CLAIMS:**

Please amend claims 1-3, 5, 6 as follows:

- 9b  
Bi
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- A<sub>1</sub>
1. (Amended) A real-time test system comprising at least one reservoir and at least one photomultiplier detector; said reservoir comprising monoclonal anti-insulin or anti-C peptide capture antibodies solidified in said reservoir, and said reservoir capable of receiving a sample, a wash solution, and labeled monoclonal anti-insulin or anti-C peptide antibodies useful as a tracer, wherein said labeled antibodies allow photometrical detection.
  2. (Amended) A test system according to claim 1, wherein the labeled monoclonal anti-insulin or anti-C peptide antibodies are present in dried form in said reservoir.
  3. (Amended) A test system according to claim 1, wherein said labeled monoclonal anti-insulin or anti-C peptide antibodies are labeled by a chemiluminescent label.
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- A<sub>2</sub>
5. (Amended) A method for determining insulin levels in a sample, comprising:
    - adding the sample to a reservoir with monoclonal anti-insulin or anti-C peptide capture antibodies solidified in said reservoir;
    - adding labeled monoclonal anti-insulin or anti-C peptide antibodies useful as a tracer;
    - incubating said reservoir to produce labeled insulin complexes;
    - washing said reservoir; and

cont  
A2  
detecting the labeled insulin complexes photometrically.

6. (Amended) The method of claim 5, wherein the sample is perfusion solution obtained from a pancreas removed from a body after stimulating said pancreas with an insulin-production influencing compound, preferably glucose.

✓ Please cancel claims 9-13 without prejudice.

Please add new claims 14-18, as follows:

- A3 ✓  
14. (New) A method for determining insulin levels, comprising sampling blood in a *Vena splenica* and/or *Vena porta*, comprising the steps of introducing a probe in one of said veins, sampling blood from one or more spots in said vein, and analyzing the samples according to a method comprising:

adding the sample to a reservoir with monoclonal anti-insulin or anti-C peptide capture antibodies solidified in said reservoir;  
adding labeled monoclonal anti-insulin or anti-C peptide antibodies useful as a tracer;  
incubating said reservoir to produce labeled insulin complexes;  
washing said reservoir; and  
detecting the labeled insulin complexes photometrically.

15. (New) A system according to claim 1, wherein said sample is obtained by a probe arranged to be introduced in the *Vena splenica* and/or *Vena porta*.

*cont*  
*A3*  
16. (New) A system according to claim 2, wherein said sample is obtained by a probe arranged to be introduced in the *Vena splenica* and/or *Vena porta*.

17. (New) A system according to claim 3, wherein said sample is obtained by a probe arranged to be introduced in the *Vena splenica* and/or *Vena porta*.

18. (New) A system according to claim 4, wherein said sample is obtained by a probe arranged to be introduced in the *Vena splenica* and/or *Vena porta*.

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